

~~from said first end to said second end, portions of said passage within said connecting head defining an annular groove spaced from said first end, said assembly further comprising a unitarily formed sleeve washer surrounding and closely engaging at least a portion of said cylindrical surface of said connecting head and having a thick-walled cylindrical portion surrounding and closely engaging portions of said cylindrical body adjacent said connecting head.~~

2. The high-pressure pipe assembly of claim 5 wherein said seat surface comprises a conically generated surface.

3. The high-pressure pipe assembly of claim 5 wherein said seat surface comprises a spherically generated surface.

4. The high-pressure pipe assembly of claim 5 wherein said seat surface comprises a planar end face at said first end of said pipe and a flared surface extending outwardly from said planar end surface.

5. The high-pressure pipe assembly of claim 5 wherein the connecting head includes a radially aligned annular surface extending between said connecting head and said cylindrical body.

6. The high-pressure pipe assembly of claim 5 wherein the connecting head includes a conically generated surface extending between said connecting head and said cylindrical body.

7. The high-pressure pipe assembly of claim 5 wherein said passage has a first cylindrical portion between said annular groove and said first end and a second cylindrical portion extending from said annular groove toward said second end, said first and second cylindrical portions defining an inside diameter less than

a  
Cont

diameters of said passage at said annular groove, said annular groove comprising a smoothly concave toroidal surface at locations between said first and second cylindrical portions, and first and second inwardly convex toroidal surfaces smoothly extending respectively from said first and second cylindrical portions into said concave toroidal surface.

*a1*  
*Cont*

<sup>3</sup> ~~12~~. The high-pressure pipe assembly of claim ~~5~~ wherein said outside diameter of said cylindrical surface of said connecting head is between 10%-45% larger than said outside diameter of said cylindrical body.

<sup>4</sup> ~~13~~. The high-pressure pipe assembly of claim ~~12~~ wherein said outside diameter of said cylindrical surface of said connecting head is between 12.5%-30% larger than said outside diameter of said cylindrical body.

<sup>1</sup> ~~14~~. The high-pressure pipe assembly of claim ~~13~~ wherein said outside diameter of said cylindrical surface of said connecting head is between 15%-20% larger than said outside diameter of said cylindrical body.

---

#### REMARKS

Reconsideration of the application, as amended, is respectfully requested.

Claims 1 and 4 have been cancelled and are replaced by new claims 5-14.

The Official Action objected to the drawings stating that FIGS. 6-8 contained elements not disclosed in the specification. The Examiner's attention is directed to the paragraph bridging pages 1 and 2 and the paragraph bridging pages 2 and 3. It is believed that drawing changes or specification changes are not